

AUTHOR INDEX

VOLUME 63

- Ahring, Birgitte K., 923
Alarcón-Chaidez, Francisco, 266
Alm, Richard A., 675
- Baker, T. S., 862
Banerjee, Nanditta, 128
Bender, Carol L., 266
Brown, Eric D., 675
Burrows, L. L., 523
Burton, Zachary F., 457
- Carmel, Gilles, 675
Conway de Macario, Everly, 923
Coulombe, Benoit, 457
- de Jonge, Boudewijn L., 675
Doig, Peter, 675
Driessen, Arnold J. M., 161
Driks, Adam, 1
- Edskes, Herman K., 844
Engelhard, Martin, 570
- Fekkes, Peter, 161
Fuller, S. D., 862
- Gray, Stewart M., 128
Gross, Dennis C., 266
Guild, Braydon C., 675
- Johnson, Douglas I., 54
Haber, James E., 349
Hall, Ruth M., 507
Hajek, Ann E., 814
Hazell, Stuart L., 642
Hindmarsh, Patrick, 836
Hess, W. R., 106
Höllsberg, Per, 308
Horikoshi, Koki, 735
Huisman, Gjalt W., 21
Hyman, Linda, 405
- Ingraham, John L., 263
- Johnson, Douglas I., 54
Johnston, Mark, 554
- Konings, Wil N., 293
Kuzminov, Andrei, 751
- Lam, J. S., 523
Lange, Marianne, 923
Liebert, Cynthia A., 507
- Leis, Jonathan, 836
Lolkema, Juke S., 293
- Macario, Alberto J. L., 923
Maddelein, Marie-Lise, 844
Madison, Lara L., 21
Moriyama, Hiromitsu, 844
Marais, Armelle, 642
Mégraud, Francis, 642
Mendz, George L., 642
Mills, Scott D., 675
Mindich, Leonard, 149
Moir, Donald T., 675
Moore, Claire, 405
Morrissey, John P., 708
Moriyama, Hiromitsu, 844
Müller, Volker, 570
Murray, Robert G. E., 263
- Navarre, William Wiley, 174
Nemerow, Glen R., 725
Noonan, Brian, 675
- Olson, N. H., 862
Oren, Aharon, 334
Osbourne, Anne E., 708
Özcan, Sabire, 554
- Pâques, Frédéric, 349
Partensky, F., 106
- Richter, Joel D., 446
Roberts, B. Tibor, 844
Rocchetta, H. L., 523
- Schaechter, Moselio, 265
Schäfer, Günter, 570
Schneewind, Olaf, 174
Slotboom, Dirk Jan, 293
Spormann, Alfred M., 621
Stewart, Phoebe L., 725
Summers, Anne O., 507
- Taylor, Barry L., 479
Taylor, Kimberly L., 844
Trust, Trevor J., 675
Tummino, Peter, 675
- Uria-Nickelsen, Maria, 675
- Vaulot, D., 106
Vovis, Gerald F., 675
- Wickner, Reed B., 844
Wood, Janet M., 230
- Zahran, Hamdi Hussein, 968
Zhao, Jing, 405
Zhulin, Igor B., 479

SUBJECT INDEX

VOLUME 63

- Adenoviruses**
 α_V integrins, 725
 cell entry, 725
 gene delivery, 725
- Alkaliphiles**
 biotechnological applications, 735
- Antibiotic resistance**
Tn21, 507
- Antibiotics**
 plants
 fungal resistance, 708
- Archaea**
 bioenergetics, 570
 stress genes and proteins, 923
- Arthropods**
 Lepidoptera, 814
E. maimaiga, 814
 virus transmission, 128
- Bacillus subtilis**
 spore coat, 1
- Bacteriophages**
 λ
 recombinational repair of DNA, 751
 $\phi 6$
 RNA packaging, 149
- Bioenergetics
Archaea, 570
- Biological control
E. maimaiga, 814
- Biosynthesis**
P. aeruginosa O antigen, 523
P. syringae phytotoxins, 266
- Biotechnology**
 alkaliphiles, 735
 poly(3-hydroxyalkanoates), 21
- Cdc42, 54
- Cell wall**
 protein targeting, 174
- Commercial applications
 poly(3-hydroxyalkanoates), 21
- Cryo-electron microscopy**
 icosahedral viruses
 three-dimensional reconstruction, 862
- Cytoplasmic membrane**
 osmosensing, 230
 protein targeting, 161
- Cytoplasmic polyadenylation**
 early development, 446
- Development**
 cytoplasmic polyadenylation, 446
- Entomophaga maimaiga*
 epizootiology, 814
 pathology, 814
- Envelope**
 protein targeting, 174
- Escherichia coli*
 recombinational repair of DNA, 751
- Fungi**
 plant antibiotics, 708.
- Gene therapy**
 adenovirus
 α_V integrins, 725
- Genomics**
H. pylori, 642, 675
- Gliding motility**
M. xanthus, 621
- Glucose**
S. cerevisiae hexose transporters, 554
- Glutamate**
 transporters, 293
- GTPases**
Cdc42, 54
- Halophiles**
 bioenergetic aspects, 334
- Helicobacter pylori*
 genomics, 642, 675
 metabolism, 642, 675
 strain 26695, 675
 strain J99, 675
- Hexose transporters**
S. cerevisiae, 554, 570
- HTLV-I**
 T-cell activation, 308
- Icosahedral viruses**
 three-dimensional reconstruction, 862
- Integration**
 retroviral DNA, 836
- Integrins**
 adenovirus, 725
- Lepidoptera**
E. maimaiga, 814
- Lipopolysaccharides**
P. aeruginosa O antigen, 523
- Metabolism**
H. pylori, 642, 675
 halophiles, 334
- Methanogenesis**
Archaea, 570
- Minireviews**
 MMBR history, 263, 265
- MMBR**
 history
 minireviews, 263, 265
- Motility**
 gliding
M. xanthus, 621
- mRNA**
 cytoplasmic polyadenylation, 446
 formation of 3' ends, 405
- Myxococcus xanthus*
 gliding motility, 621
- Nitrogen**
 rhizobia, 968
- Osmosensing**, 230
- $\phi 6$
 RNA packaging, 149
- PAS domains**, 479
- Pathogenesis**
 fungal resistance to plant antibiotics, 708
- pH**
 alkaliphiles
 biotechnological applications, 735
- Photosynthesis**
Prochlorococcus, 106
- Phytoalexins**
 fungal resistance to plant antibiotics, 708
- Plant antibiotics**
 fungal resistance, 708
- Plastics**
 poly(3-hydroxyalkanoates), 21
- Podospora*
 prions, 844
- Poly(3-hydroxyalkanoates)**
 metabolic engineering, 21
- Polyadenylation**
 early development, 446
- Prions**
Podospora, 844
Saccharomyces, 844
- Prochlorococcus*, 106
- Pseudomonas aeruginosa*
 O-antigen biosynthesis, 523
- Pseudomonas syringae*
 phytotoxins, 266
- Ralstonia eutropha*
 poly(3-hydroxyalkanoates), 21
- Recombination**
S. cerevisiae
 double-strand breaks, 349
- Recombinational repair of DNA**
 bacteriophage λ , 751
E. coli, 751
- Repair**
 recombinational
 bacteriophage λ , 751
E. coli, 751
- Respiration**
Archaea, 570
- Retroviruses**
 DNA integration, 836
- Rhizobium*
 nitrogen fixation
 severe conditions, 968
 symbiosis with legumes, 968
- RNA polymerase**
 DNA bending and wrapping around, 457
- Saccharomyces*
 prions, 844
- Saccharomyces cerevisiae*
 double-strand breaks, 349
 hexose transporters, 554
- Sensors**
 PAS domains, 479
- Signaling**
 PAS domains, 479
- Spores**
B. subtilis, 1
 coat, 1
- Stress**
 archaeal genes and proteins, 923
 nitrogen fixation by rhizobia, 968
- Structural analyses**
 icosahedral viruses, 862
- Symbiosis**
 rhizobium-legume, 968
- T cells**
 activation by HTLV-I, 308
- Targeting**
 cell wall envelope, 174
 cytoplasmic membrane, 161
- Tn21*, 507
- Transcription**
 mRNA
 formation of 3' ends, 405
- RNA polymerase**
 DNA bending and wrapping around, 457
- Transporters**
 glucose
 S. cerevisiae, 554
 glutamate, 293
- Viruses**
 arthropod vectors, 128

